

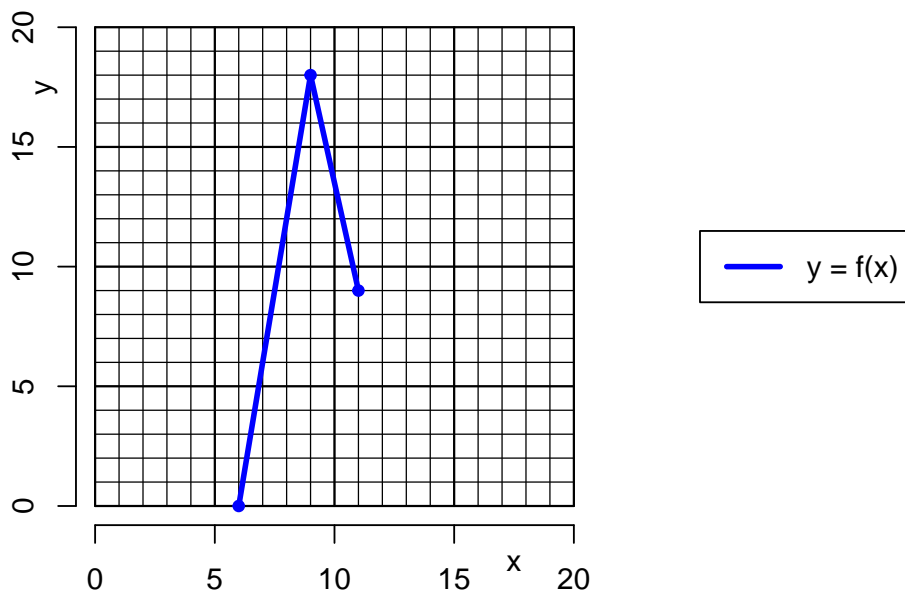
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 36)

### Question 1

Curve  $y = f(x)$  contains points  $(6, 0)$  and  $(9, 18)$  and  $(11, 9)$ , as shown on the  $x$ - $y$  plane below.

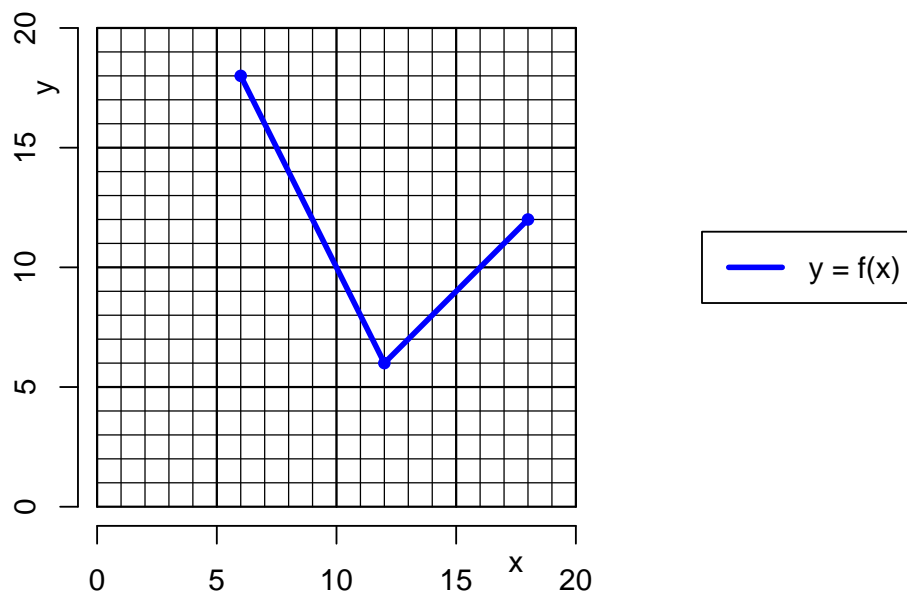


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x+4}{2}\right]}{3} + 6$$

## Question 2

Curve  $y = f(x)$  contains points  $(6, 18)$  and  $(12, 6)$  and  $(18, 12)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x-6)] + 4}{2}$$